Gapp 1 study

- purpose of the study and hypotheses

This is a pilot study looking at the effect of Gabapentin in women with chronic pelvic pain. Participants were assigned at random to the placebo or the drug group. The design follows procedure of double blinding, i.e. neither patients, not people involved in data collection or analysis knew the participants group. The full study (not fMRI) report can be found here http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0153037

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- Experimental protocol

The experiment was conducted using "Presentation" (NeuroBehavioural Systems www.neurobs.com) and the scripts are available in Experiment.zip (in the /stimuli directory of the Gappl.zip archive). Files named *.sce and *.exp are for use with the package "Presentation"; they are plain text, so the contents may be read using any text editor. There was two sessions on thermal stimulation, in which a thermal probe was applied to the abdomen or to the hand. After each stimulation are two rating scales were presented in succession. In a third session, punctuations were applied to the hand. Files subxxxx_ThermalAbdomen.tsv and subxxxx_ThermalHand.tsv show the timing of the thermal probe, rating scales and volume acquisition. Files subxxxx_ThermalAbdomen_scales.tsv and subxxxx_ThermalHand_scales.tsv report the answer of the subjects. Finally, the file subxxxx_punctate.tsv reports the timing of the stimulation.

Participants.tsv contains the behavioural data collected for each participant

PIN Personal: Identification number

- group: control/placebo
- Date: recruitment date
- DOB: date of birth
- BMI: Body Mass Index
- Dose_in_mg: dose give from 6 weeks up to the scanning date 6 weeks later (for placebo it is nothing in fact)
- Pain_score: visual analogue score used for the thermal stimulation
- HADS_score_visit_1: Hospital Anxiety and Depression Score at baseline
- HADS_score_visit_2: Hospital Anxiety and Depression Score at 3 months (scanning time)
- HADS_score_visit_3: Hospital Anxiety and Depression Score at 6 months
- BPI_score_visit_1: Brief Pain Inventory Score at baseline
- BPI_score_visit_2: Brief Pain Inventory Score at 3 months (scanning time)
- BPI_score_visit_3: Brief Pain Inventory Score at 6 months